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INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO-1449)

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Docket No.: 872.0172.U1(US)

Serial No.:

Applicant(s): Wang et al. Filing Date: herewith

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U.S. PATENT DOCUMENTS Name of Patentee or Applicant Document Number Publication Date Sub-class Class Examiner (MM-DD-YYYY) Initials (Number-Kind Code) US-US-US-US-US-US-US-US-US-US-US-US-US-US-ECDETON DATENT DOCUMENTS

ı	FOREIGN FATERIT DOCUMENTS					
ı	Examiner Initials	Document Number (Country Code-Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name Of Patentee of Applicant	Translation? Yes/No/n/a	

OTHER DOCUMENTS (Author (Capitalize), Title, Date, Pages, Etc., if known)

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Filing Date: herewith (Substitute) Group: U.S. PATENT DOCUMENTS **Publication Date** Name of Patentee or Applicant Examiner Document Number Class Sub-class Initials (Number-Kind Code) (MM-DD-YYYY) US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-FOREIGN PATENT DOCUMENTS Document Number Publication Date Name Of Patentee of Applicant Translation? Examiner (MM-DD-YYYY) (Country Code-Number-Kind Code) Yes/No/n/a Initials OTHER DOCUMENTS (Author (Capitalize), Title, Date, Pages, Etc., if known) M. Hsieh, and C. Wei, "Channel Estimation Techniques Based on Pilot Arrangement in OFDM Systems," IEEE Transactions on Broadcasting, Vol. 48, No. 3, Sept. 2002. J. Rinne, and M. Renfors, "Pilot Spacing in Orthogonal Frequency Division Multiplexing Systems on Practical Channels," IEEE Transactions on Consumer Electronics, Vol. 42, No. 4, Nov. 1996 Sinem Coleri, M. Ergen, A. Puri, and A. Bahai, "Channel Estimation Techniques based on Pilot Arrangement in OFDM Systems," IEEE Transactions on Broadcasting, Vol. 48, No. 3, Sept. 2002. Figure 1. Throughput vs. G in PB3 channel and 16QAM Hlaing Minn, and Vijay K. Bhargava, "An Investigation into Time-Domain Approach for OFDM Channel Estimation", IEEE Transactions on Broadcasting, Vo. 46, No. 4, December 2000, Date Considered: Examiner's Signature:

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